

Figure 1.

- 1 acquire data**
- 2 process signal**
- 3 separate colors**
- 4 remove primers**
- 5 track sizes**
- 6 extract profiles**

Figure 2.

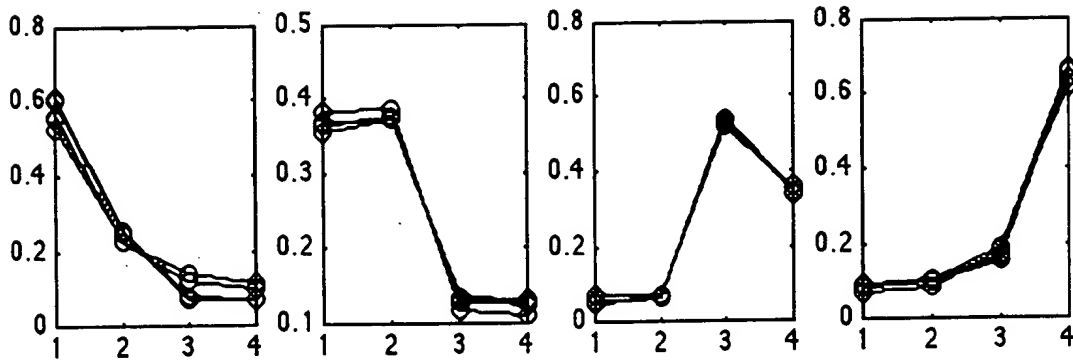


Figure 3.

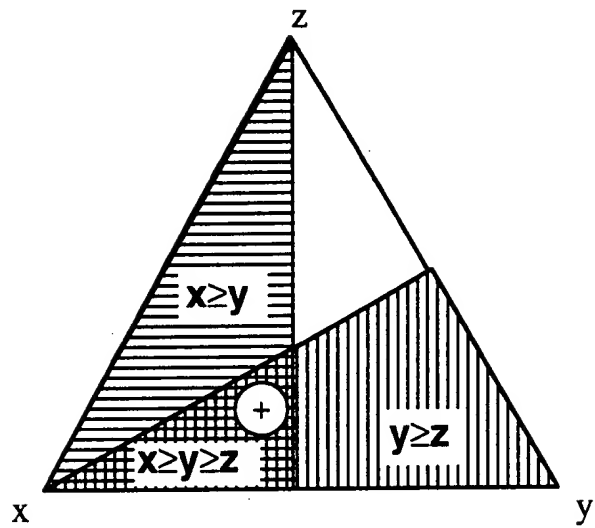


Figure 4.

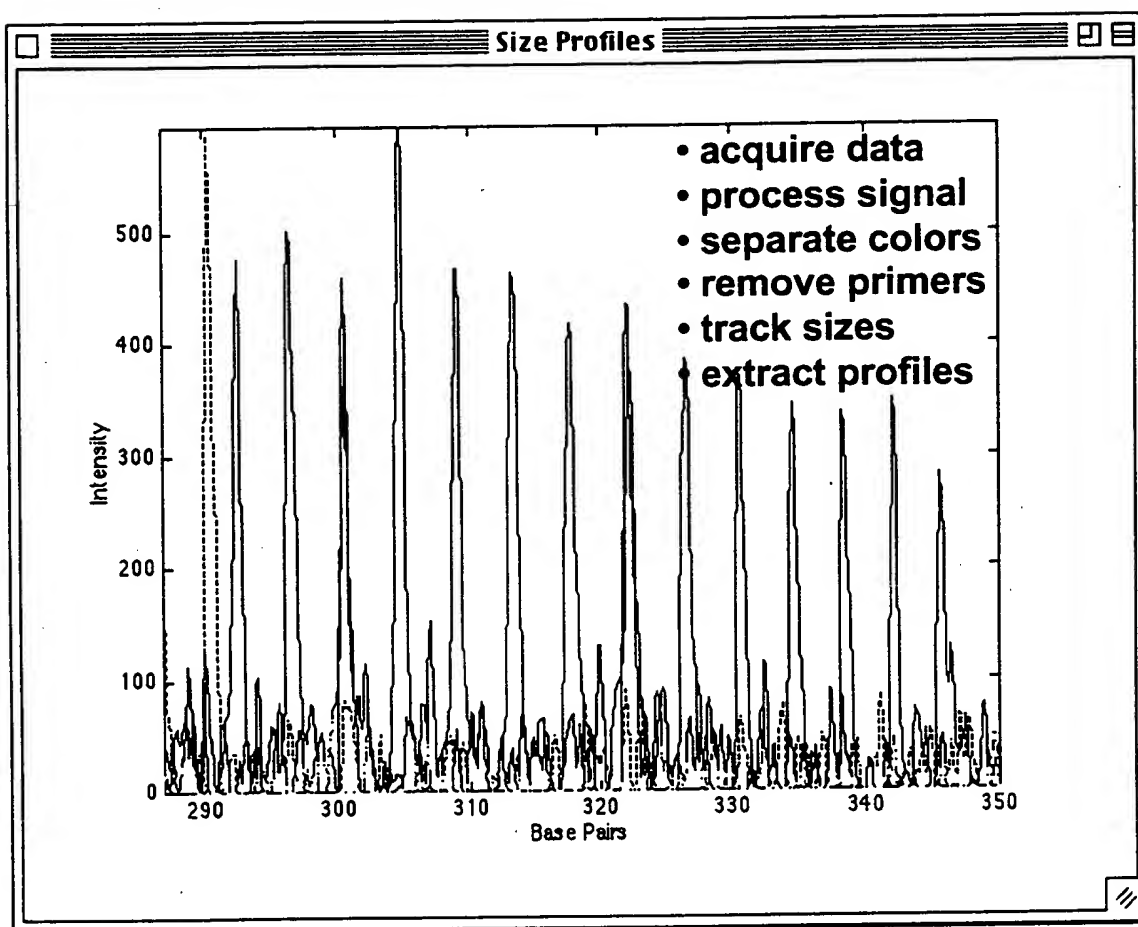


Figure 5.

- 7 derive allelic ladder**
- 8 transform coordinates**
- 9 quantitate trace**
- 10 analyze data**

Figure 6.

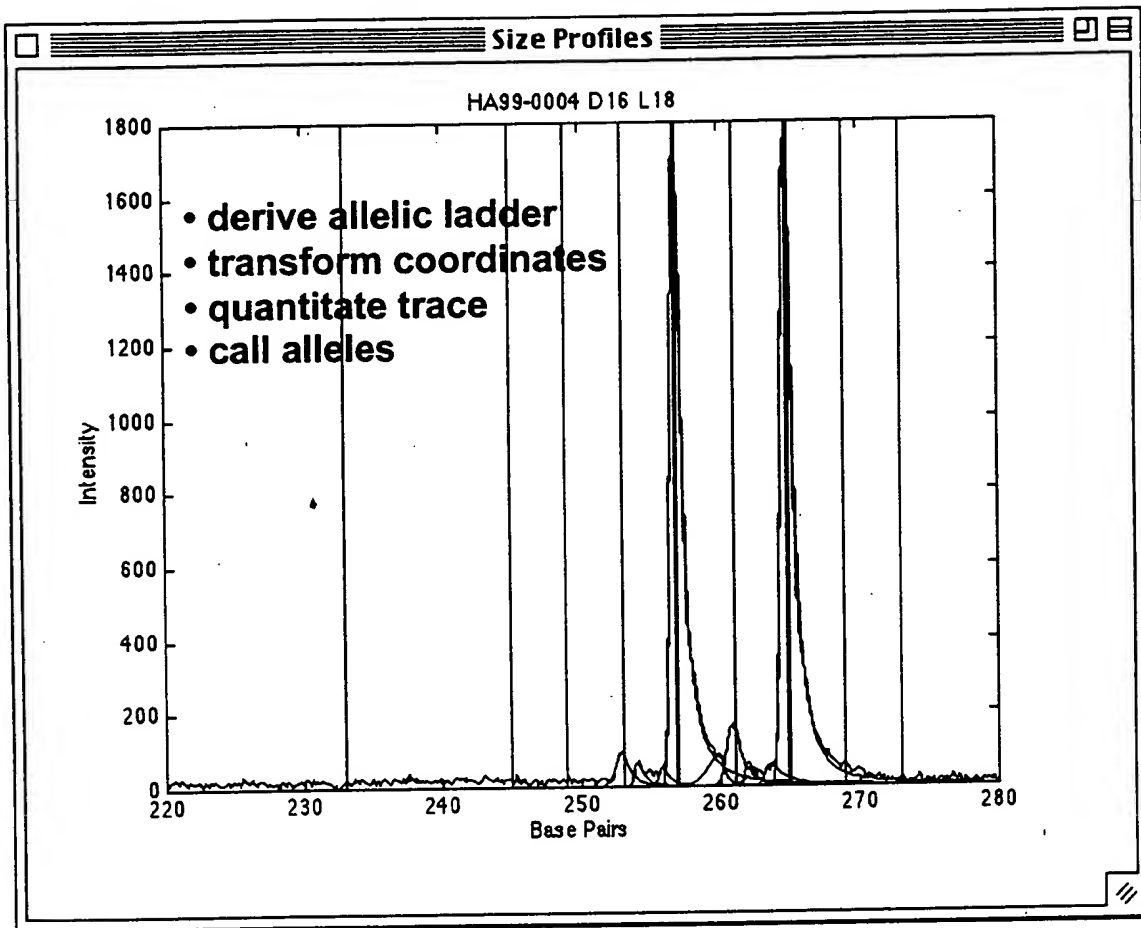


Figure 7.

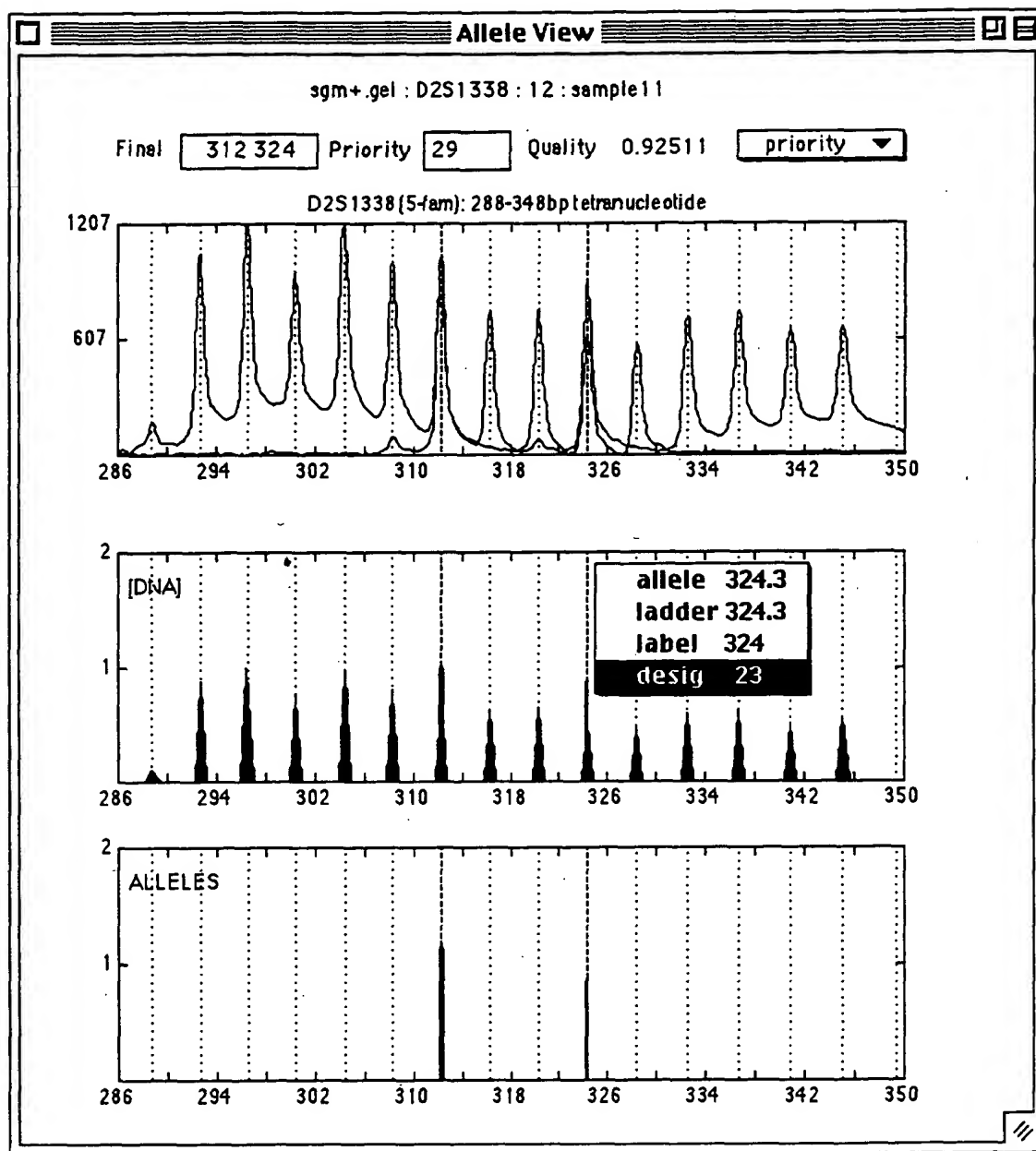


Figure 8.

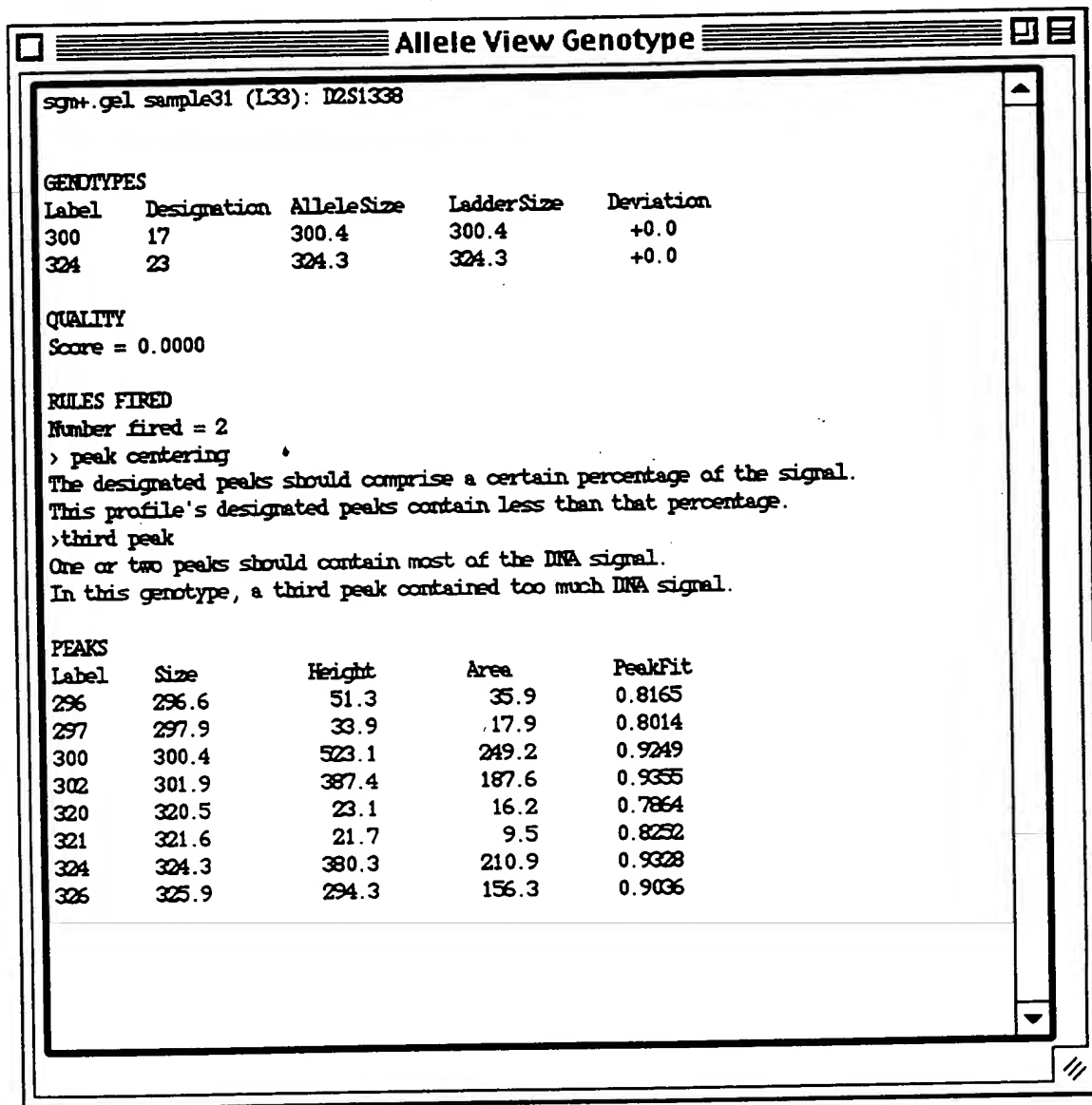


Figure 9.

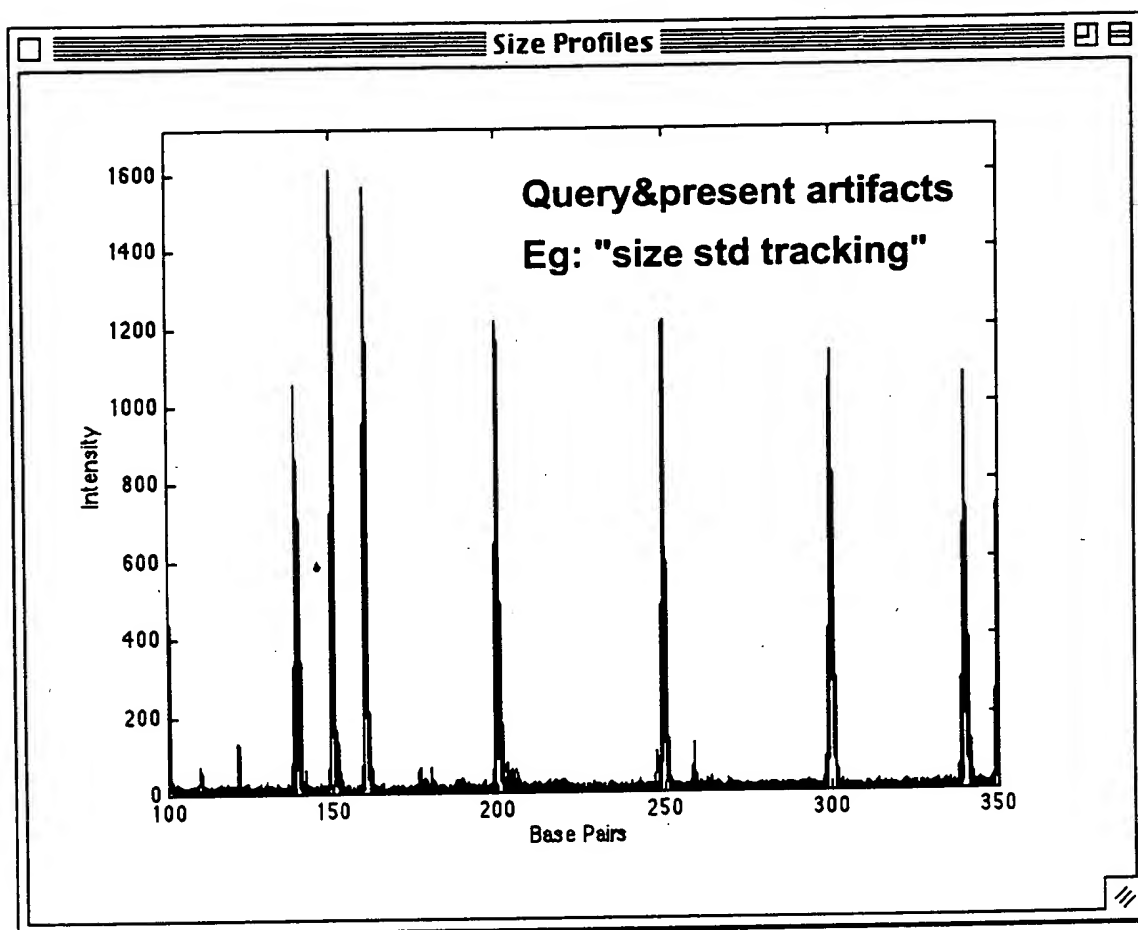


Figure 10.

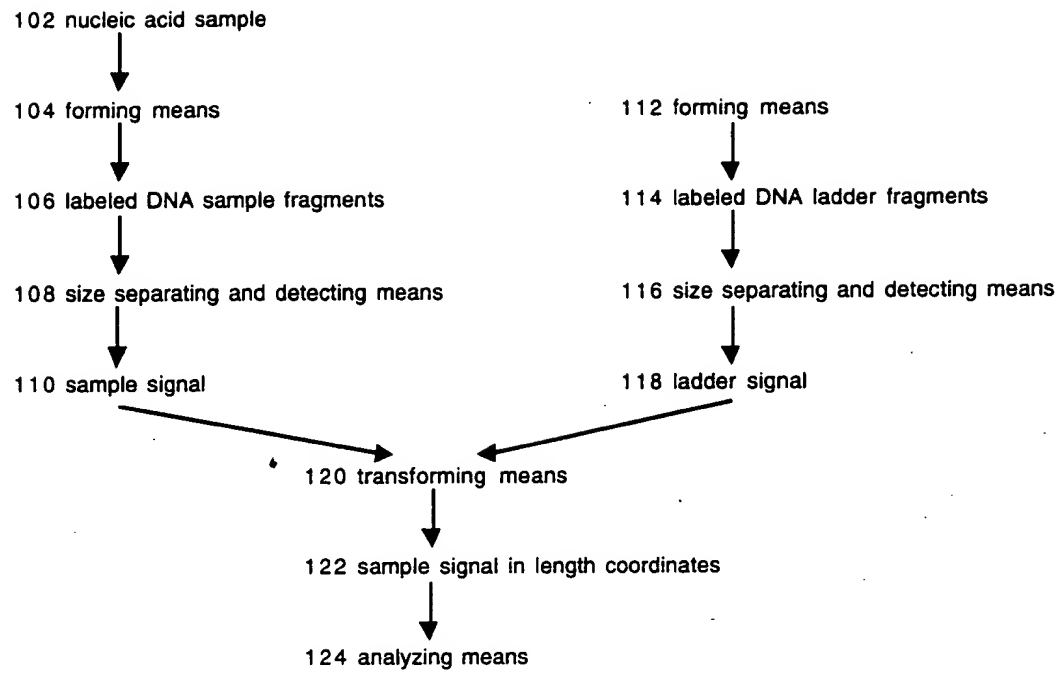


Figure 11.

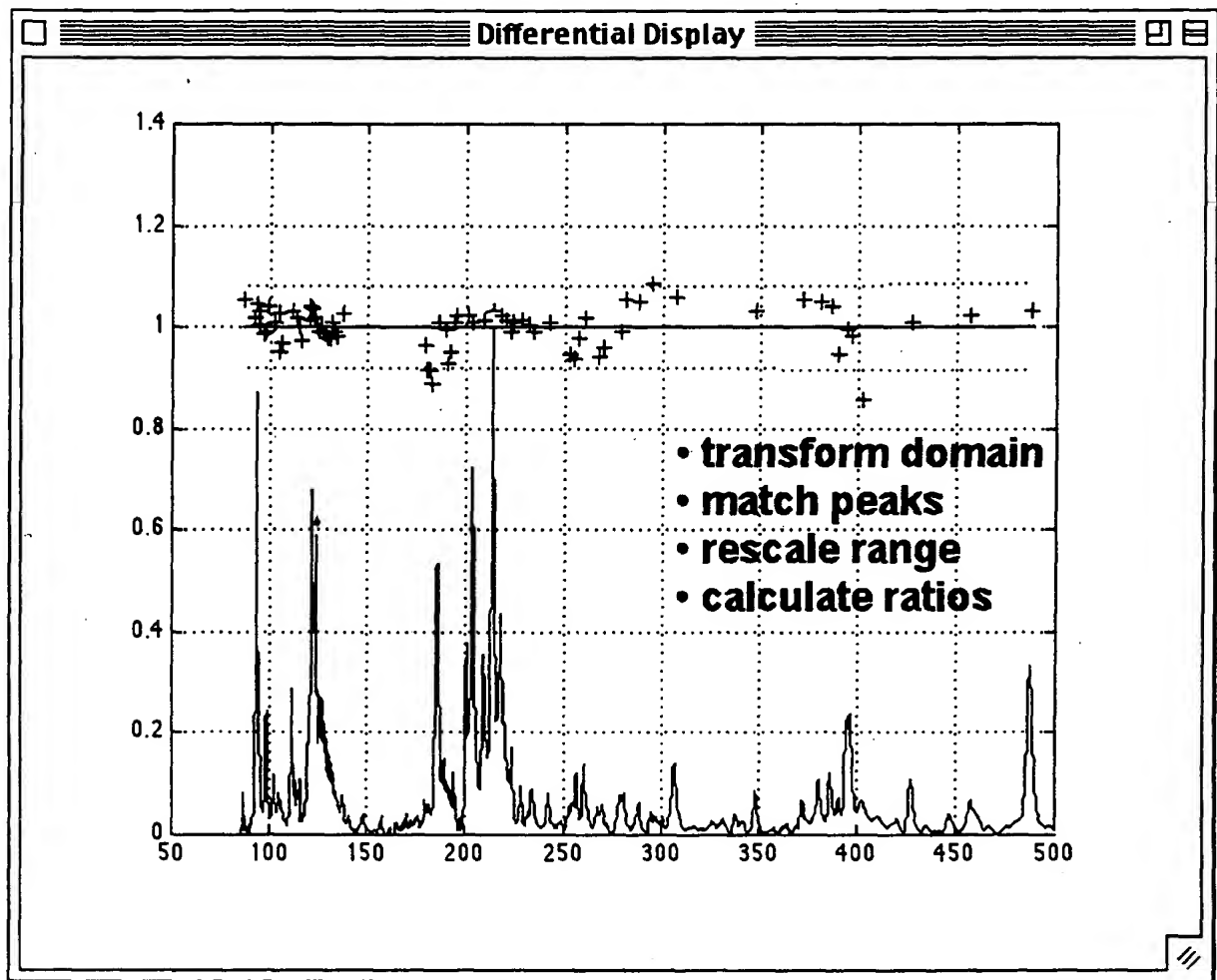


Figure 12

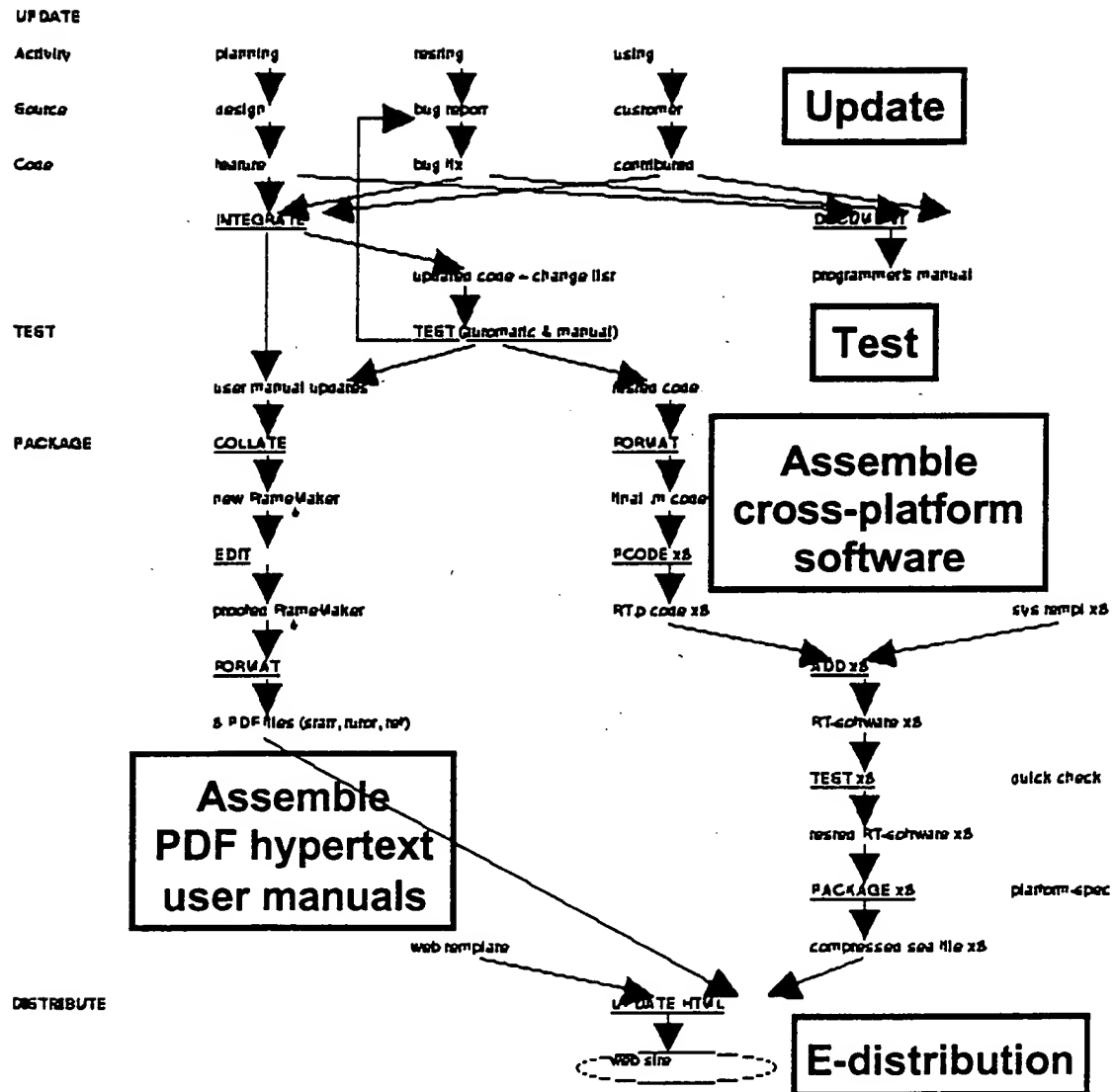


Figure 13

LaborCost						
	A	B	C	D	E	F
20						
21	PEOPLE COST	\$1,024,000				
22	PER GENOTYPE	\$1.02				
23						
24	Breakdown	per person		Throughput	per day	per year
25	salary	\$25,000		runs	8	2,000
26	benefits	\$6,250		genotypes	4,000	1,000,000
27	space	\$2,000				
28	computer	\$2,000		Scoring		
29	software	\$10,000		calls/person	500	125,000
30	management	\$6,250				
31	overhead	\$12,500		PEOPLE	16	
32	COST	\$64,000				
33						
34	Assumptions			Assumptions		
35	benefit rate	0.25		genotypes/run	500	
36	sq feet/person	100		days/year	250	
37	cost/sq foot yr	\$20		people/call	2	
38	managing rate	0.25				
39	overhead rate	0.50				
40						

Figure 14.

